## BEST AVAILABLE COPY

(360) 379-2434

#### **CLAIM AMENDMENTS**

(presently amended) A method of removing a liquid from at least one Claim 1. surface of at least one substrate comprising the steps of:

subjecting said substrate to a rotary movement;

supplying a liquid on at least a part of said surface of said substrate; and

locally heating said liquid on said part of said surface, at a liquid ambient front while supplying said liquid, wherein such that a sharply defined liquid ambient boundary is created, at least locally, whileduring the step of subjecting said substrate to asaid rotary movement and supplying said liquid, at least locally a sharply defended liquid ambient boundary is created and

wherein said rotary movement is performed at a speed to guide the sharply defined liquid-ambient boundary over the substrate.

#### (cancelled) Claims 2-3.

- (presently amended) A method as recited in claim 31, wherein said rotary Claim 4. movement is applied onto a single substrate such that said substrate rotates around its own centrecenter.
- (original) A method as in claim 4, wherein the rotation speed is in the Claim 5. range from 2 to 40 revolutions per second.

### BEST AVAILABLE COT

Claim 6. (presently amended) A method as recited in claim 1, wherein said heating is accomplished by means one of dispensing a heated gas; or dispensing a heated vapor; or and dispensing a heated mixture of a gas and a vapor.

#### Claim 7. (cancelled)

- Claim 8. (presently amended) A method as recited in claim 1, wherein said liquid is comprises one of a group of an etching liquid, a cleaning liquid or and a rinsing liquid.
- Claim 9. (presently amended) A method as recited in claim 1, wherein said liquid is comprises a dilute aqueous solution.
- Claim 10. (presently amended) A method as recited in claim 8, wherein said cleaning liquid comprises one of a mixture of NH<sub>4</sub>OH, H<sub>2</sub>O<sub>2</sub> and H<sub>2</sub>O; or comprises a mixture of HCl, H<sub>2</sub>O<sub>2</sub> and H<sub>2</sub>O; or comprises diluted HCl; or comprises and a mixture comprising O<sub>3</sub>.
- Claim 11. (presently amended) A method as recited in claim 8, wherein said rinsing liquid comprises one of H<sub>2</sub>O; or and a mixture of H<sub>2</sub>O and an acid, said mixture having a pH between 2 and 6.
- Claim 12. (presently amended) A method of removing a liquid from a first surface and a second surface of at least one substrate comprising the steps of:
  - subjecting said substrate to a rotary movement;

Sep 05 03 09:46a

### BEST AVAILABLE COPY

supplying a liquid on at least a part of said first side and at least a part of said second side of said substrate; and

locally heating said liquid on said part of said first surface and on said part of said second surface, while supplying said liquid, to thereby locally reducesuch that the surface tension of said liquid is locally reduced due to a surface tension gradient being formed in the liquid, the gradient being in a direction away from , wherein a sharply defended liquid-ambient boundary that is created. at least locally, during the steps of subjecting said substrate to a rotary movement, locally heating and supplying said liquid, at least-locally a sharply defended liquid ambient boundary is created and

wherein said rotary movement is performed at a speed to guide the sharply defined liquid-ambient boundary over the substrate.

(presently amended) An apparatus for removing a liquid from at least one Claim 13. surface of at least one substrate, said apparatus comprising:

a substrate holder which is subjectable to a rotary movement, said substrate being releasably held by said substrate holder;

at least one liquid supply system for applying a liquid on at least a part of said surface of said substrate;

at least one heat source for locally heating said liquid; and

said heat source and said liquid supply system being positioned such that said heating is applied closer to the centre-center of said rotary movement of said substrate holder than said liquid and wherein said heat source and said liquid are positioned such that, at least locally, a sharply defined liquid-ambient boundary is created on said surface of said substrate.

# BEST AVAILABLE

(360) 379-2434

(presently amended) An apparatus as recited in claim 13, further Claim 14. comprising a chamber wherein said substrate holder is positioned, said chamber being designed in a manner to avoid back splashing of said liquid onto said surface of said substrate.

(presently amended) An apparatus as recited in claim 13, wherein said Claim 15. heating source comprises at least one nozzle for dispensing one of a heated gas; or a heated vapor; or and a heated mixture of a vapor and a gas onto said surface of said substrate, and said liquid supply system comprises at least one nozzle for applying said liquid on said part of said surface of said substrate, said nozzles are positioned such that said heating is applied closer to the centre center of the rotary movement of the substrate holder than said liquid.

(original) An apparatus as recited in claim 15, where said nozzles are Claim 16. mounted on an arm, said arm being movable relative to said substrate holder.

(cancelled) Claim 17.

Sep 05 .03 09:47a